

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Samuel N. Hansen, David E. McDowell, Lindsay M. Swartz
 For: CYCLONIC SEPARATOR WITH VACILLATING DEBRIS INHIBITOR
 Serial No.: 10/058,514 Examiner: Theresa T. Snider
 Filed: 01/28/2002 Group Art Unit: 1744
 Atty. Docket: 71189-1370 Confirmation No.: 5390

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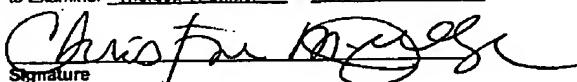
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 to Examiner Theresa T. Snider at (703) 672-9306


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Commissioner for Patents
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Madam:

RESPONSE TO OFFICE ACTION

Responsive to the Office Action mailed December 18, 2003, kindly amend the above identified U.S. Patent application as follows:

Amendments to the drawings begin on page 2 of this paper.

Amendments to the specification begin on page 3 of this paper.

Amendments to the claims begin on page 5 of this paper.

Remarks begin on page 10 of this paper.